

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Declaration Submitted with      Submitted after Initial Initial Filing      Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	STK-081
	First Named Inventor	Chubinskaya et al.
	<b>COMPLETE IF KNOWN</b>	
	Application Serial Number	10/081,163
	Filing Date	February 20, 2002
	Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS OF USING BONE MORPHOGENIC PROTEINS AS BIOMARKERS FOR DETERMINING CARTILAGE DEGENERATION AND AGING

(Title of the Invention)

the specification of which

☐ is attached hereto  
OR

☒ was filed on  
(MM/DD/YYYY)

February 20, 2002

as United States Application Serial Number or PCT International

Application Number 10/081,163 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.
60/348,111	11/09/01	
60/270,528	02/21/01	

Declaration and Power of Attorney for Utility or Design Patent Application  
 Serial No. 10/081,163  
 Atty. Docket No. STK-081  
 Page 2 of 3

## DECLARATION – Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Patent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As Inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number  → Place Customer  
Number Bar Code  
Label Here

OR

☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Michael J. Bastian	47,411	John D. Lanza	40,060
Steven M. Bauer	31,481	Kurt W. Lockwood	40,704
Elias C. Behrakis	47,416	Leigh J. Martinson	P-50,749
John V. Bianco	36,748	Thomas C. Meyers	36,989
Mark L. Beloborodov	P-50,773	Joseph B. Milstein	42,897
Robert S. Blasi	P-50,389	David G. Miranda	42,898
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Indranil Mukerji	46,944
Jennifer A. Camacho	43,526	Jeremy Oczek	P-50,794
Joseph A. Capraro, Jr.	36,471	Edmund R. Pitcher	27,829
Christopher H. Chung	P-50,351	Michael A. Rodriguez	41,274
John J. Cotter	38,116	Jamie H. Rose	45,054
Robert V. Donahoe	46,667	David L. Schuler	P-51,190
Brian A. Fairchild	48,645	Christopher W. Stamos	35,370
John V. Forcier	42,545	Diana M. Steel	43,153
Steven J. Frank	33,497	Joel Stettenheim	P-48,797
Kia L. Freeman	47,577	Joseph P. Sullivan	45,349
Brian M. Gaff	44,691	Robert J. Tosti	35,393
Duncan A. Greenhalgh	38,678	Thomas A. Turano	35,722
William G. Guerin	41,047	Christine C. Vito	39,061
Ira V. Heffan	41,059	Patrick R.H. Waller	41,418
Danielle L. Herritt	43,670	Daniel A. Wilson	45,508
Douglas J. Kline	35,574	Gerald E. Worth	45,238
		Yin P. Zhang	44,372
<input type="checkbox"/> Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.			

Direct all correspondence to:

Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Susanna					Chubinskaya				
Inventor's Signature	<i>S. Chubinskaya</i>					Date	4 June 2002		
Residence	City	Vernon Hills	State	IL	Country	US	Citizenship	US	
Mailing Address	131 Annapolis Drive SC								
Mailing Address (In. 2)	City	Vernon Hills	State	IL	ZIP	60061	Country	US	
<input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) attached hereto.									
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
David C.					Rueger				
Inventor's Signature	<i>David C. Rueger</i>					Date	3 June 2002		
Residence	City	Southborough	State	MA	Country	US	Citizenship	US	
Mailing Address	81 Pine Hill Road								
Mailing Address (In. 2)	City	Southborough	State	MA	ZIP	01772	Country	US	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Klaus E.					Kuettner				
Inventor's Signature	<i>Klaus E. Kuettner</i>					Date	6/6/02		
Residence	City	Chicago	State	IL	Country	US	Citizenship	US	
Mailing Address	445 Briar								
Mailing Address (In. 2)	City	Chicago	State	IL	ZIP	60657	Country	US	